

Jotashield Extreme Colors

Product description

Type

This product is a water-based paint, based on 100% pure acrylic emulsions, specially formulated against climatic harsh environments.

Features and benefits

The special acrylic resin used offers long durability as well as a low degree of surface dirt. The special design of the formula allows to protect the surface from carbonation of the concrete. Ideal for protection and decoration of exterior façades due to its resistance to rainwater and the breathability properties of the product. It is self-cleaning and has a good elasticity. Contains an anti-mold preservative that prevents mold and fungi growth.

Recommended use

Ideal for exterior surfaces. It can also be used as a topcoat on other emulsion-based paints and as a finish for textured (rough) systems. Especially suitable for facades and vertical walls, where microcracks may occur due to internal movements of the structure of façade, or thermal contractions / expansion.

Substrate

Plaster, concrete, brick, plasterboard and plaster.

Product data

Packaging size	900 ml, 4 L and 15 L
Colours	As per the colour card and available in Jotun Multicolor tinting system (Exterior range).
Solids by volume	38 ± 2 volume%
VOC for Ready-for-Use Mixture	EU limit value for the product (cat. A/c): 40 g/l. The product contains max 40 g/l VOC.

Application data

The product can be applied by

Roller : Recommended.

Brush : Recommended.

Spray : Recommended.

Guiding data for airless spray

Nozzle tip	0.021–0.027"
Spray angle degrees	65–80°
Pressure at nozzle	140 - 190 kg/cm ² (2100 psi)

Cleaning of painting tools

Water

Film thickness per coat

Typical recommended range

Dry film thickness 25 - 35 µm

Wet film thickness 65 - 92 µm

Film thickness will vary and is calculated as average.

Theoretical spreading rate 15.2 - 10.9 m²/l

Spreading rate depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during painting etc.

Maximum spread rate per coat is obtained at minimum dry film thickness and vice versa.

Thinner

Water

Dilution

Ready to use.

Conditions during application

The temperature of the substrate should be minimum 10 °C and at least 3 °C above the dew point of the air, measured in the vicinity of the substrate. Good ventilation is usually required in confined areas to ensure proper drying.

Drying times

Drying times are generally related to air circulation, temperature, film thickness and number of coats, and will be affected correspondingly.

1. Recommended data given is, for recoating with the same generic type of paint.
2. In case of multi-coat application, drying times will be influenced by the number and sequence and by the total thickness of previous coats applied.
3. The surface must be sanded to achieve maximum adhesion if the application is done after recommended recoating time.

The drying time is measured by stated values:

Relative Humidity (RH) 50 %

Substrate temperature	10 °C	23 °C	40 °C
Surface (touch) dry	2 h	1 h	45 min
Hard dry	16 h	8 h	4 h
Dry to over coat, minimum	12 h	6 h	2 h

Directions for use

Surface preparation

The substrate must be sound, clean, dry and free from dust, oil, grease, laitance etc. All traces of form release agents/curing agents must be removed. A light sanding with suitable abrasive material is recommended before application. Any resulting dust/loose particles must be removed.

Recommended paint system

Primer

Jotashield Penetrating Primer Blanco : 1 Coat

Topcoat

Jotashield Extreme Colors : 2 Coats

Remarks

Other systems may be specified, depending on area of use.

Contents of packaging with different batch numbers must be mixed together before use.

Please refer to the Decorative Sales Department for technical advice.

Storage

The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

Shelf life at 23 °C

Jotashield Extreme Colors 48 month(s)

In some markets commercial shelf life can be dictated shorter by local legislation. The above is minimum shelf life, thereafter the paint quality is subject to re-inspection.

Health and safety

Please observe the environmental and precautionary notices displayed on the container.

A Material Safety Data Sheet for the product has been issued.

Detailed information regarding health and safety risks and precautions for the use of this product is specified in the product's Safety Data Sheet.

First-aid measures, refer to section 4.

Handling and storage, refer to section 7.

Transport information, refer to section 14.

Regulatory information, refer to section 15.

Disclaimer

The information in this document is given to the best of Jotun's knowledge, based on laboratory testing and practical experience. Jotun's products are considered as semi-finished goods and as such, products are often used under conditions beyond Jotun's control. Jotun cannot guarantee anything but the quality of the product itself. Minor product variations may be implemented in order to comply with local requirements. Jotun reserves the right to change the given data without further notice.

Users should always consult Jotun for specific guidance on the general suitability of this product for their needs and specific application practices.

If there is any inconsistency between different language issues of this document, the English (United Kingdom) version will prevail.